Use of earth observation in developing countries – Challenges (personal reflection)

Deo Raj Gurung

Programme Coordinator for Preparedness and Safety
Department of Emergency Management
Aga Khan Agency for Habitat,
Dushanbe, Tajikistan.



Managing expectation

Overselling of the technology resulting in over expectation.

Market sensibly – sell opportunities and limitations both.

Policy/guideline/framework/strategy are blind to space science

People shaping the document is not aware of the role of space application in DRR.

High level awareness building events should be held where good practices of use of space application as solution/a part of solutions should be demonstrated.

Lack of technical capacity

- Lack of HR capacity;
- Lack of technological capacity infrastructure.

Training has a big role to play to level the playing field.

Provide rapid response products as a service.

High turn over of staffs

Every new government will result in new set of people in key position – means:

Losing local champion stalls every bit of progress made.

Breaking the limited data holding culture

 Limited sharing of baseline data – important moving from hazard to risk based DRR approach

Problem is not availability of data but rather accessibility.

Conclusion

- Market appropriately;
- High level awareness building events imperative;
- Train and building a pool of trained people imperative;
- Product as a service is important alternative;
- Promote data sharing culture/practice.

Thank you for your attention.